

CLAIMS

Sub B1

1. An electronic device, which comprises a display element to display information, wherein
said display element has two modes, a full-screen mode to use the entire display element to display a first information and a partial screen mode to use a first part in which partial screen mode a second part of the display element is switched off; and the device comprises
means for switching the device into energy conservation mode by switching the display element to said partial screen mode; and
means for controlling the display element during energy conservation mode to display information on said first part.

2. A device according to claim 1, wherein
said first part comprises a certain amount of image particles, and
the power consumption of the display element corresponds to the amount of said image particles.

3. A device according to claim 1, which comprises changing means for changing the position of the first part of the display element on the display element.

4. A device according to claim 3, the changing means for changing of which has been arranged to randomly change the position of said first part.

5. A device according to claim 3, the changing means of which has been arranged to change the position of said first part by scrolling the position on the display element.

6. A device according to claim 3, wherein
said first part comprises a certain amount of rows.

7. A device according to claim 3, wherein

5 said first part comprises a certain amount of columns.

8. A device according to claim 1, which device comprises

5 means for measuring idle time; and

means for switching the device to an energy conserving mode in
response to said idle time reaching a certain value.

10. A device according to claim 1, which device comprises means for ending the
energy conserving mode in response to one of the following events: user input,
incoming call, an increase in the amount of displayed information at least equal to
a certain lower threshold and a combination of these.

15. A device according to claim 1, which device is a mobile station.

11. A method for decreasing the energy consumption of an electronic device,
wherein

20 a first part of the display element is used and a second part of the
display element is switched off to conserve energy; and

information is presented on the first part of the display element.

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